

PIEZOELECTRIC CERAMIC, METHOD OF PRODUCING THE SAME, AND
PIEZOELECTRIC PART

ABSTRACT OF THE DISCLOSURE

5 A piezoelectric contains comprises a plurality of piezoelectric particles made
from a piezoelectric material such as lead titanate zirconate and a dielectric made from
a dielectric material, such as a composite perovskite compound, having a higher
dielectric constant than the piezoelectric material, the dielectric existing in gaps
between the piezoelectric particles. When poling to produce a piezoelectric ceramic,
10 the poling is uniformly performed, and nearly all of the electric field is applied to the
piezoelectric particles. Thus, the dispersion of the piezoelectric properties can be
reduced, and the piezoelectric properties can be enhanced.